ELSEVIER

Protein Structure & Molecular Enzymology

Vol. 1341, 1997

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Abbott, G.W., Bloemendal, M., Van Stokkum, I.H.M., Mercer, E.A.J., Miller, R.T., Sewing, S., Wolters, M., Pongs, O. and Srai, S.K.S.
Secondary structure, stability and tetramerisation of recombinant $K_V1.1$ potassium channel cytoplasmic N-terminal fragment (1341) 71
Alfonzo, J.D., Sahota, A. and Taylor, M.W.
Purification and characterization of adenine phosphoribosyltransferase from *Saccharomyces cerevisiae* (1341) 173
Alford, J.G., see Burke, J.R. (1341) 223
Anderluh, G., see Pungerčar, J. (1341) 105
Arai, N., see Hiraiwa, M. (1341) 189

Barre, A., see Galaud, J.-P. (1341) 79
Barthélémy, M., see Péduzzi, J. (1341) 58
Bhatnagar, A., see Chandra, A. (1341) 217
Björquist, P., Ehnebom, J., Inghardt, T. and Deinum, J.
Epitopes on plasminogen activator inhibitor type-1 important for binding to tissue plasminogen activator (1341) 87
Bloemendal, M., see Abbott, G.W. (1341) 71
Bogumil, R., see Maurus, R. (1341) 1
Brayer, G.D., see Maurus, R. (1341) 1
Brown, S.H., see Xu, F. (1341) 99
Burke, J.R., Davern, L.B., Gregor, K.R., Todderud, G., Alford, J.G. and Tramposch, K.M.
Phosphorylation and calcium influx are not sufficient for the activation of cytosolic phospholipase A_2 in U937 cells: Requirement for a $G_i\alpha$-type G-protein (1341) 223

Canut, H., see Galaud, J.-P. (1341) 79
Carlson, S.J. and Chourey, P.S.
Cloning of a novel maize endosperm-specific protein with partial sequence homology to a pollen surface protein (1341) 101
Carriere, M., see Galaud, J.-P. (1341) 79
Chandra, A., Srivastava, S., Petrash, J.M., Bhatnagar, A. and Srivastava, S.K.
Active site modification of aldose reductase by nitric oxide donors (1341) 217
Chourey, P.S., see Carlson, S.J. (1341) 101

Davern, L.B., see Burke, J.R. (1341) 223
Deinum, J., see Björquist, P. (1341) 87

Ehnebom, J., see Björquist, P. (1341) 87

Farzaneh, S., see Péduzzi, J. (1341) 58
Fernandes, A.I. and Gregoriadis, G.
Polysialylated asparaginase: preparation, activity and pharmacokinetics (1341) 26
Filippi, B., see Genov, N. (1341) 157
Franc, G., see Pungerčar, J. (1341) 105

Galaud, J.-P., Laval, V., Carriere, M., Barre, A., Canut, H., Rouge, P. and Pont-Lezica, R.
Osmotic stress activated expression of an Arabidopsis plasma membrane-associated protein: sequence and predicted secondary structure (1341) 79
Genov, N., Goshev, I., Nikolova, D., Nikolova Georgieva, D., Filippi, B. and Svendsen, I.
A novel thermostable inhibitor of trypsin and subtilisin from the seeds of *Brassica nigra*: amino acid sequence, inhibitory and spectroscopic properties and thermostability (1341) 157
Goshev, I., see Genov, N. (1341) 157
Gregor, K.R., see Burke, J.R. (1341) 223
Gregoriadis, G., see Fernandes, A.I. (1341) 26

Hiraiwa, M., Saitoh, M., Arai, N., Shiraishi, T., Odani, S., Uda, Y., Ono, T. and O'Brien, J.S.
Protective protein in the bovine lysosomal β-galactosidase complex (1341) 189

Inghardt, T., see Björquist, P. (1341) 87

Kawasaki, H., see Usuda, Y. (1341) 200
Kushkuley, B. and Stavrov, S.S.
Theoretical study of the electrostatic and steric effects on the spectroscopic characteristics of the metal-ligand unit of heme proteins. 3. Vibrational properties of $Fe(III)CN^-$ (1341) 238

Labia, R., see Péduzzi, J. (1341) 58
Laval, V., see Galaud, J.-P. (1341) 79
Lim, A.L., see Zheng, W. (1341) 35
Luo, Y., see Maurus, R. (1341) 1

Maček, P., see Pungerčar, J. (1341) 105
Manjunath, P., see Soubeyrand, S. (1341) 183
Martin, P.R., see Wang, J.J.-L. (1341) 165
Mauk, A.G., see Maurus, R. (1341) 1
Maurus, R., Overall, C.M., Bogumil, R., Luo, Y., Mauk, A.G., Smith, M. and Brayer, G.D.
A myoglobin variant with a polar substitution in a conserved hydrophobic cluster in the heme binding pocket (1341) 1
Mercer, E.A.J., see Abbott, G.W. (1341) 71
Miller, R.T., see Abbott, G.W. (1341) 71
Mitra, S., see Mondal, M.S. (1341) 100
Mondal, M.S. and Mitra, S.
Corrigendum to "Kinetic studies of the two-step reactions of H_2O_2 with manganese-reconstituted myoglobin" [Biochim. Biophys. Acta 1296 (1996) 174–180] (1341) 100
Morawiecka, B., see Olczak, M. (1341) 14
Muñoz-Clares, R.A., see Vojtěchová, M. (1341) 49

Nakamaru, Y. and Sato, C.
Multivariate analysis of the association of bromocresol purple anion with bovine serum albumin (1341) 207

Nikolova, D., see Genov, N. (1341) 157
Nikolova Georgieva, D., see Genov, N. (1341) 157

O'Brien, J.S., see Hiraiwa, M. (1341) 189
Odani, S., see Hiraiwa, M. (1341) 189
Olczak, M., Wątorek, W. and Morawiecka, B.
Purification and characterization of acid phosphatase from yellow lupin (*Lupinus luteus*) seeds (1341) 14
Ono, T., see Hiraiwa, M. (1341) 189
Overall, C.M., see Maurus, R. (1341) 1

Péduzzi, J., Farzaneh, S., Reynaud, A., Barthélémy, M. and Labia, R.
Characterization and amino acid sequence analysis of a new oxyimino cephalosporin-hydrolyzing class A β-lactamase from *Serratia fonticola* CUV (1341) 58
Petrash, J.M., see Chandra, A. (1341) 217
Pongs, O., see Abbott, G.W. (1341) 71
Pont-Lezica, R., see Galaud, J.-P. (1341) 79
Powers-Lee, S.G., see Zheng, W. (1341) 35
Pungerčar, J., Anderluh, G., Maček, P., Franc, G. and Štrukelj, B.
Sequence analysis of the cDNA encoding the precursor of equinatoxin V, a newly discovered hemolysin from the sea anemone *Actinia equina* (1341) 105

Ramponi, G. and Stefani, M.
Structure and function of the low M_r phosphotyrosine protein phosphatases (1341) 137
Reynaud, A., see Péduzzi, J. (1341) 58
Rodríguez-Sotres, R., see Vojtěchová, M. (1341) 49
Rouge, P., see Galaud, J.-P. (1341) 79

Sahota, A., see Alfonzo, J.D. (1341) 173
Saitoh, M., see Hiraiwa, M. (1341) 189
Sato, C., see Nakamaru, Y. (1341) 207
Sewing, S., see Abbott, G.W. (1341) 71
Shimaoka, M., see Usuda, Y. (1341) 200
Shin, W., see Xu, F. (1341) 99
Shiraishi, T., see Hiraiwa, M. (1341) 189
Singleton, C.K., see Wang, J.J.-L. (1341) 165
Smith, M., see Maurus, R. (1341) 1
Solomon, E.I., see Xu, F. (1341) 99
Soubeyrand, S. and Manjunath, P.
Novel seminal phospholipase A_2 is inhibited by the major proteins of bovine seminal plasma (1341) 183
Srai, S.K.S., see Abbott, G.W. (1341) 71
Srivastava, S., see Chandra, A. (1341) 217
Srivastava, S.K., see Chandra, A. (1341) 217
Stavrov, S.S., see Kushkuley, B. (1341) 238
Stefani, M., see Ramponi, G. (1341) 137
Štrukelj, B., see Pungerčar, J. (1341) 105
Südi, J.
Control analysis of enzyme mechanisms in terms of the classical steady-state description (1341) 108
Sundaram, A.M., see Xu, F. (1341) 99
Svendsen, I., see Genov, N. (1341) 157

Taylor, M.W., see Alfonzo, J.D. (1341) 173
Todderud, G., see Burke, J.R. (1341) 223
Tramposch, K.M., see Burke, J.R. (1341) 223

Uda, Y., see Hiraiwa, M. (1341) 189
Usuda, Y., Kawasaki, H., Shimaoka, M. and Utagawa, T.
Characterization of guanosine kinase from *Brevibacterium acetylicum* ATCC 953 (1341) 200
Utagawa, T., see Usuda, Y. (1341) 200

Valenzuela-Soto, E.M., see Vojtěchová, M. (1341) 49
Van Stokkum, I.H.M., see Abbott, G.W. (1341) 71
Vojtěchová, M., Rodríguez-Sotres, R., Valenzuela-Soto, E.M. and Muñoz-Clares, R.A.
Substrate inhibition by betaine aldehyde of betaine aldehyde dehydrogenase from leaves of *Amaranthus hypochondriacus* L. (1341) 49

Wahleithner, J.A., see Xu, F. (1341) 99
Wang, J.J.-L., Martin, P.R. and Singleton, C.K.
Aspartate 155 of human transketolase is essential for thiamine diphosphate–magnesium binding, and cofactor binding is required for dimer formation (1341) 165
Wątorek, W., see Olczak, M. (1341) 14
Wolters, M., see Abbott, G.W. (1341) 71

Xu, F., Shin, W., Brown, S.H., Wahleithner, J.A., Sundaram, A.M. and Solomon, E.I.
Corrigendum to "A study of a series of recombinant fungal laccases and bilirubin oxidase that exhibit significant differences in redox potential, substrate specificity, and stability" [Biochim. Biophys. Acta 1292 (1996) 303–311] (1341) 99

Zheng, W., Lim, A.L. and Powers-Lee, S.G.
Identification of critical amino acid residues of *Saccharomyces cerevisiae* carbamoyl-phosphate synthetase: definition of the ATP site involved in carboxy-phosphate formation (1341) 35